

Title (en)

POSITIVE DISPLACEMENT SHOE AND SLAT SORTER APPARATUS AND METHOD

Title (de)

SORTIERVORRICHTUNG MIT VERDRÄNGEN VON SCHUHEN UND LATTEN SOWIE VERFAHREN ZUM SORTIEREN

Title (fr)

APPAREIL DE TRI A DEPLACEMENT POSITIF A SABOTS ET A LATTES ET SON PROCEDE D'UTILISATION

Publication

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Application

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Abstract (en)

[origin: WO0226602A2] This invention relates to a positive displacement sorter of the pusher shoe and slat configuration, having a conveying surface and diverter shoes to displace articles laterally on the surface. Such conveyors may include a pair of endless chains in a plurality of slats being propelled by rotary motors; each slat is fitted with a diverter shoe mounted glideable laterally across the slat. The present invention provides a positive displacement sorter assembly, comprising slats defining an endless web, an upper run of said web defining a conveying surface; pusher shoes gliding along at least some of said slats to laterally displace articles on said conveying surface; secondary means for defining a plurality of linear motor secondaries at said slats; primary means for producing thrust in said secondaries and thereby propelling said web; and control means for controlling said primary means.

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